



## ARTIFICIAL REEFS

When Marine Ecosystems were first being developed, it was just another artificial reef. However, over time they quickly expanded to areas that entail: wave attenuation, snorkeling reefs, oyster reef restoration, mitigation, shoreline stabilization, personal dock reef, coral reef restoration and to be used as a research tool.

Our EcoSystems are a culmination of 22 years worth of work in designing and deploying over 35,000 artificial reefs. Its complex (rugosity) design allows small marine animals to seek shelter and protection from larger predators and is ideal for defusing wave energy above the water line. This allows you to place an ecosystems in a high-wave energy area without worry about a storm event damage. The Florida Limestone rock used replicates natural reef substrate and PH. The EcoSystems create an environment for all marine life to attach and this does include boring animals which was something no other artificial reef out there has been able to do. The pile mounted design, utilizing a Pearson Piling mount system, guarantees the unit will stay upright and not sink into the bottom as well as provide proper flushing and creature mobilization.

EcoSystems are inexpensive to manufacture and easy to install. They can be adapted to fit any need by using different shapes, different sizes, offset mounting holes, piling or pedestal mounts. We can also reconfigure them to different heights and adjust the complexity. Contact us to tell us more about your project and we can help design a solution to achieve your goals.



Pearson Sustainable Solutions is dedicated to providing design & material solutions for:

Piers | Docks | Bridges | Fender Systems | Boardwalks | Trails | Golf Courses | Foundations | Living Shorelines | Shoreline Stabilization



PILINGS



SHEET PILE



COMPOSITE SHAPES



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